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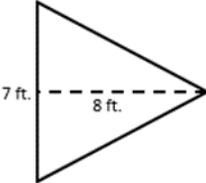
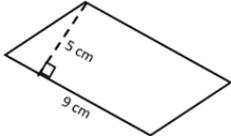
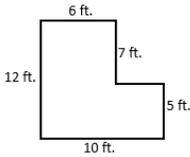
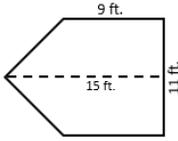
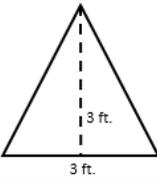
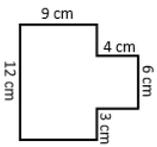
6th Grade Math Homework

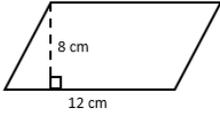
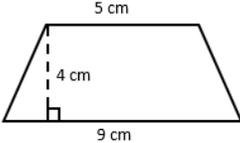
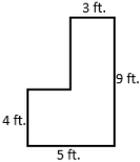
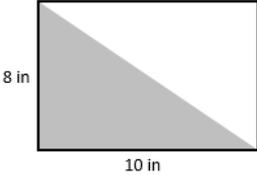
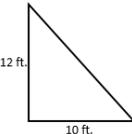
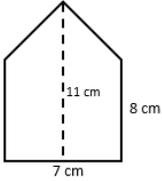
March 7 - 11

Please use your math notebook and/or our math website for help/videos to help with concepts on this homework.

6th Grade Math website: sms6math.weebly.com

SHOW ALL WORK IN THE WORK COLUMN!

Monday	Monday's Work	Tuesday	Tuesday's Work										
<p>Kathy has $\frac{3}{4}$ of a yard of fabric. She needs $\frac{3}{10}$ of a yard for each doll dress she makes. How many doll dresses can she make?</p>		<p>Find the area.</p> 											
<p>Find the difference. $680.8 - 44.73$</p>		<p>Find the area.</p> 											
<p>Write the ratio in simplest form. 3:9</p>		<p>The area of a square is 81 square meters. What is the length of a side of the square?</p>											
<p>At the Gym, one balance beam is 15 feet long, while the other is 162 inches long. Which balance beam is longer?</p>		<p>Carla needs to purchase carpet for her living room. What is the area of Carla's living room?</p> 											
<p>What is the value of $7(3x - 4) + 4^3$, when $x = 6$?</p>		<p>The area of a rectangle is 36 square feet. If the length is 4 feet, what is the width of the rectangle?</p>											
<p>List 3 values that would make this inequality true. $8n + 4 \leq 28$ _____, _____, _____</p>		<p>Find the area.</p> 											
<p>Renting a movie from a Redbox costs \$1.29 each night, plus a one-time fee of \$0.50. How much would it cost to rent a movie for 3 nights? 10 nights?</p>		<p>Amy is going to put 6 triangle tables together to make one large hexagon table. What will be the area of the hexagon table?</p> 											
<p>Find the rule.</p> <table border="1" data-bbox="126 1759 456 1923"> <thead> <tr> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr> <td>10</td> <td>1</td> </tr> <tr> <td>12</td> <td>3</td> </tr> <tr> <td>15</td> <td>6</td> </tr> <tr> <td>20</td> <td>n</td> </tr> </tbody> </table>	X	Y	10	1	12	3	15	6	20	n		<p>Find the area.</p> 	
X	Y												
10	1												
12	3												
15	6												
20	n												

Wednesday	Wednesday's Work	Thursday	Thursday's Work										
<p>The ratio of cats to dogs is 4:5. If there are 20 dogs, how many cats are there?</p>		<p>Find the area of the parallelogram below.</p> 											
<p>Find the quotient.</p> $80.64 \div 3.6$		<p>The area of a triangle is 26 square feet. If the base is 26 feet, what is the height of the triangle?</p>											
<p>4 tomatoes cost \$3.40. What is the unit rate?</p>		<p>Find the area of the trapezoid.</p> 											
<p>At the basketball game, the Wild Cats made 80% of the 95 shots taken. How many shots did they make?</p>		<p>Find the area.</p> 											
<p>Are the two expressions equivalent when $x = 6$?</p> $4(3x + x)$ $12x$		<p>Find the area of the shaded region.</p> 											
<p>Draw a number line to represent the inequality.</p> $y \leq 23$		<p>Christian is going to paint the wall underneath his staircase. How many square feet will he need to paint?</p> 											
<p>Find the rule. Solve for n.</p> <table border="1" data-bbox="126 1457 456 1619"> <thead> <tr> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr> <td>3</td> <td>9</td> </tr> <tr> <td>4</td> <td>12</td> </tr> <tr> <td>6</td> <td>18</td> </tr> <tr> <td>n</td> <td>27</td> </tr> </tbody> </table> <p>Rule:</p>	X	Y	3	9	4	12	6	18	n	27		<p>Find the area.</p> 	
X	Y												
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6	18												
n	27												
<p>Write $\frac{37}{5}$ as a mixed number.</p>		<p>What is the name of a 10 sided figure?</p>											

*****Do not forget to complete your extended response on the following page.*****

The following extended response is part of your weekly homework. Please answer the questions completely on the grid provided.

Things to remember:

- Did I label each part of the question?
- Did I restate the question?
- Did I include units if needed?
- Did I show all of my work?
- If the question asked me to explain, did I FULLY explain my answer?
- Did I use the RASE method to complete this Extended Response?
 - Restate the question. (Use a complete sentence.)
 - Answer all parts of the question.
 - Show All Work.
 - Explain. (if asked to do so)

This week's extended response question. (You can use your math notebook if needed.)

Taylor and Anya live 63 miles apart. On some Saturdays, they ride their bikes toward each other's houses and meet somewhere in between. Taylor is a very consistent rider—she finds that her speed is always very close to 12.5 miles per hour. Anya rides more slowly than Taylor, but she is working out and is becoming a faster rider as the weeks go by.

A. On a Saturday in July, the two friends set out on their bikes at 8 a.m. Taylor rides at 12.5 miles per hour, and Anya rides at 5.5 miles per hour. After one hour, how far apart are they?

B. Make a table showing how far apart the two friends are after zero hours, one hour, two hours, and three hours.

C. At what time will the two friends meet? How do you know?

Mathematics

Do not write outside this box.

